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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 00-1123-H)

In application of:)
Cunningham et al.)
Serial No. 10/058,626)
Filed: January 28, 2002)
For: Optical Detection of Label-Free Biomolecular)
Interactions Using Microreplicated Plastic)
Sensor Elements)

Examiner: S. Latimer
Group Art Unit: 1645
Conf. No.: 4870

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

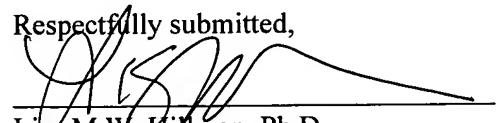
Dear Sir:

In regard to the above identified application,

1. We are transmitting herewith the attached:
 - a) Seventh Supplemental Information Disclosure Statement PTO Form 1449;
 - b) 20 cited references; and
 - c) Return postcard
2. With respect to fees:
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Date: March 1, 2005

Respectfully submitted,

Lisa M. W. Hillman, Ph.D
Registration No. 43,673

FORM PTO-1449
(Rev. 2-32)U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

00-1123-H

Serial No.

10/058,626

SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

Applicant:

Cunningham, et al.

Filing Date:

January 28, 2002

Group:

1645

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	3,689,346	9/5/72	Rowland	156	245	9/29/70
	2.	4,420,502	12/13/83	Conley	427	54.1	3/18/82
	3.	5,155,785	10/13/92	Holland, et al.	385	89	10/30/91

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
4.	2	3 9 5 3 1 8	8/23/01	CA				
5.	2	3 9 4 9 6 6	8/23/01	CA				
6.	2	8 0 1 9 7 7	02/12/99	FR				
7.	0	3 2 6 2 9 1	02/08/89	EP				
8.	9	9 5 4 7 1 4	28/10/99	PCT				
9.	0	0 2 9 8 3 0	25/05/00	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

	10.	Anderson, et al., "Proteomics: applications in basic and applied biology", <i>Current Opinion in Biotechnology</i> , 2000, 11:408-412
	11.	MacBeath, et al., "Printing Proteins as Microarrays for High-Throughput Function Determination", <i>Science</i> , Vol. 289, pp. 1760-1763, 2000

		12. deWildt, et al., "Antibody arrays for high-throughput screening of antibody-antigen interactions", <i>Nature Biotechnology</i> , Vol. 18, pp. 989-994, 2000
		13. Cunningham, et al., "A plastic colorimetric resonant optical biosensor for multiparallel detection of label-free biochemical interactions", <i>Sensors and Actuators B</i> , 85 (2002) 219-226
		14. Caruso, et al., "Quartz Crystal Microbalance Study of DNA Immobilization and Hybridization for Nucleic Acid Sensor Development", <i>Analytical Chemistry</i> , Vol. 69, No. 11, pp. 2043-2049, 1997
		15. Hefti, et al., "Sensitive detection method of dielectric dispersions in aqueous-based, surface-bound macromolecular structures using microwave spectroscopy", <i>Applied Physics Letters</i> , Vol. 75, No. 12, pp. 1802-1804, 1999
		16. Wu, et al., "Bioassay of prostate-specific antigen (PSA) using microcantilevers", <i>Nature Biotechnology</i> , vol. 19, pp. 856-860, 2001
		17. Wasserman, et al., "Structure and Reactivity of Alkylsiloxane Monolayers Formed by Reaction of Alkyltrichlorosilanes on Silicon Substrates", <i>Langmuir</i> , 5, 1074-1087, 1989
		18. Kallury, et al., "X-ray Photoelectron Spectroscopy of Silica Surfaces Treated with Polyfunctional Silanes", <i>Anal. Chem.</i> , 60, 169-172, 1988
		19. Cunningham, et al., "Colorimetric resonant reflection as a direct biochemical assay technique", <i>Sensors and Actuators B</i> , 81 (2002) 316-328
		20. Mullaney, et al., "Epitope Mapping of Neutralizing Botulinum Neurotoxin A Antibodies by Phage Display", <i>Infection and Immunity</i> , Vol. 69, No. 10, pp. 6511-6514, 2001
EXAMINER		DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.